

REMARKS:

Reconsideration of the rejections is respectfully requested.

The status of the claims is as follows:

Amended:	None
Cancelled:	1-7, 9, 11
Previously Cancelled:	8, 10
New:	12-22
Pending:	12-22

The claims have been amended to more clearly define the invention. Support for the amendments is either apparent, or is as described in the text below.

Applicant gratefully acknowledges the designation of claims @ as allowed.

Claim Rejections - 35 U.S.C. §103(a)

The previous claims stood rejected under rejections that all depended on the asserted teachings of IBM Technical Disclosure No. NN7408862 (IBM Technical Disclosure Bulletin, 1974, Vol. 17, pp. 862-863) and Amendola et al., USP 4,546,065.

IBM Technical Disclosure does not disclose or suggest covering a channel with green tape. IBM Technical Disclosure is about making air gaps. It is to make air gaps that channels *may* be disclosed. (Given the ambiguity of the disclosures of IBM Technical Disclosure, it likely is nonenabling in any case.) IBM Technical Disclosure covers with a material that will burn away, leaving an air gap. Since application of green tape to ink-filled channels is contrary to the purpose of IBM Technical Disclosure, it cannot be obvious.

Amendola teaches densifying the green tape prior to filling with ink. The claimed invention recites firing the green tapes and ink at the same time. If one applied a later firing in Amendola, there would be nothing in the green tape to densify, as the earlier firing at "typically" "about 1350° to about 1650°C for about 16 to about 24 hours" would have effected the

densification. Thus, one cannot modify Amendola to achieve the currently claimed invention without taking away essential steps. Therefore, the claimed invention cannot be obvious in view of Amendola.

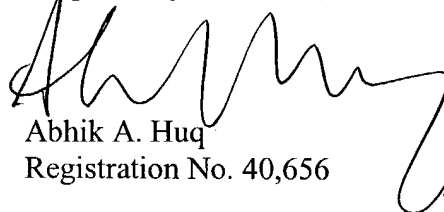
Neither IBM Technical Disclosure or Amendola teaches screen printing in a relevant context. IBM Technical Disclosure teaches "squeegeeing, etc."¹ Amendola teaches, first, glazing, applying a paste, wiping off paste not in an opening, and firing off the glaze. Second, Amendola teaches applying color to the openings, photographing, and using the photograph in a photolithographic method of removing excess metal.

Applicant notes that any rejection asserting that the selection of lower viscosity ink is "well known" should be accompanied with evidence to that effect.

Conclusion

In light of these amendments and remarks, it is respectfully submitted that the application is in condition for allowance.

Respectfully submitted,



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¹ Since IBM Technical Disclosure describes filled channels without the more detailed technical teachings on how to do so of the later Amendola disclosure (from the same company), it appears that the earlier IBM Technical Disclosure may be non-enabling.